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Dated: August 25, 2004

Signature: 

(Cecilia Huerta)

Docket No.: 564462001613  
(PATENT)**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Walter CALLEN, et al.

Application No.: 10/034,621

Filed: December 21, 2001

Art Unit: 1652

For: ENZYMES HAVING HIGH TEMPERATURE  
POLYMERASE ACTIVITY AND METHODS  
OF USE THEREOF

Examiner: R. Hutson

**RCE RESPONSE AND AMENDMENT UNDER 35 U.S.C. § 1.14**

MS RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Responsive to the Final Office Action mailed April 28, 2004, Applicants respectfully request entry of the amendments and consideration of the remarks set forth herein. The response is due July 28, 2004. Applicants herein submit a petition for a one month extension of time to August 28, 2004, under 37 C.F.R. §1.136, with the appropriate fee under 37 C.F.R. §1.17. Accordingly, this Response is timely filed. Reconsideration is respectfully requested.

This response is accompanied by a request for continued examination (RCE) under 37 C.F.R. §1.114. Thus, the finality of the outstanding final office action will be withdrawn and Applicants are entitled to have this first submission for this RCE entered and considered on the merits.

Amendments to the claims are reflected in the listing of claims which begin on page 3 of this paper.

Remarks begin on page 9 of this paper.

sd-216745

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The following documents are also enclosed herewith:

- Fee Transmittal, facsimile cover sheet;
- Petition for Extension of Time
- Request for continued examination (RCE) under 37 C.F.R. §1.114;
- Power of Attorney, statement under 37 CFR 3.73(b).